

Search: (FR2720003)/PN/XPN



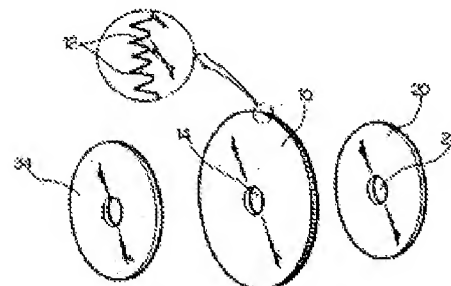
1 / 1

Patent Number: FR2720003 A1 19951124

Instrument for perforating skin for transdermal medication**Index Terms:** INCISION; SKIN; ADMINISTRATION; DRUG; INSULIN; DISC; NEEDLE

(FR2720003)

The device has needle discs (10) with triangular main perforation needles (12) along their peripheral surfaces and a central shaft for holding the needle discs which are positioned behind each other along the shaft. The main needles are equidistant on the needle disc and spacers (20) are alternately positioned between the needle discs. A pair of end-plates (34) are positioned on opposite ends of the central shaft. One or more peripheral bars are parallel to the central shaft, through the needle discs.



©Questel

Inventor: JANG KWANG KYUN
Orig. Inventor: JANG KWANG KYUN
Patent Assignee: SAMSUNG ELECTRO MECH
 SANSEI ELECTRIC CORP
Orig. Applicant/Assignee: SAMSUNG ELECTRO-MECHANICS CO., LTD.; 314,
 MAETAN-DONG, PALDAL-GU, SUWON, KYUNGKI-DO
 REPUBLIQUE DE COREE
Patent Assignee History: (A1) SAMSUNG ELECTRO MECH (KR)

FamPat family

Publication Number	Kind	Publication date	Links
FR2720003	A1	19951124	
STG:	Application for patent of invention, (first publi.)		
AP :	1995FR-0006130 19950523		
JP8150147	A	19960611	
STG:	Doc. laid open to publ. inspec.		
AP :	1995JP-0124010 19950523		
JP2551742	B2	19961106	
STG:	Grant Pat. With A from 2500000 on		
FR2720003	B1	19980626	
STG:	Patent of invention (second publication)		

Priority Nbr: 1994KR-0011522 19940523
 1994KR-0011523 19940523

©Questel

